

Please CANCEL claims 1, 4, 24, 27, 31, and 48.

Please AMEND the **CLAIMS** as follows:

1. (Cancelled)
2. (Currently Amended) The method as recited in claim 6 †, wherein sending the SCTP configuration message from the first network device to the second network device is performed when a new IP address is assigned to the first network device.
3. (Currently Amended) The method as recited in claim 6 †, wherein sending the SCTP configuration message from the first network device to the second network device is performed when a new network interface card is added to the first network device.
4. (Cancelled)
5. (Currently Amended) The method as recited in claim 6 4, wherein the SCTP acknowledgement message further acknowledges that the SCTP association has been modified corresponding to the SCTP configuration message.
6. (Currently Amended) In a first network device, a method of modifying an SCTP a Stream Control Transmission Protocol (SCTP) association between the first network device and a second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, the method comprising:

establishing the SCTP association between the first network device and the second network device;

sending an SCTP configuration message from the first network device to the second network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and

receiving an SCTP acknowledgement message from the second network device acknowledging receipt of the SCTP configuration message,

~~The method as recited in claim 4,~~ wherein the SCTP acknowledgement message comprises an SCTP packet including a chunk having a chunk type indicating that the chunk includes an SCTP acknowledgement message.

7. (Currently Amended) The method as recited in claim ~~6~~ 4, wherein the first network device is a Mobile Node supporting Mobile IP.

8. (Currently Amended) The method as recited in claim ~~6~~ 4, wherein the SCTP configuration message indicates that a specified IP address is to be added to the first set of IP addresses in the SCTP association.

9. (Currently Amended) The method as recited in claim ~~6~~ 4, wherein the SCTP configuration message indicates that a specified IP address is to be established as a primary address in the first set of IP addresses in the SCTP association via which to send and receive messages.

10. (Original) The method as recited in claim 9, wherein sending the SCTP

configuration message from the first network device to the second network device is performed when the first network device determines that the specified IP address provides a better signal than the first set of IP addresses that were previously in the SCTP association.

11. (Original) The method as recited in claim 9, wherein the first network device is a Mobile Node, and wherein the specified IP address is an IP address of a network location to which the Mobile Node has roamed.

12. (Currently Amended) The method as recited in claim 6 4, wherein the SCTP configuration message indicates that a specified IP address is to be removed from the first set of IP addresses in the SCTP association.

13. (Original) The method as recited in claim 12, wherein sending the SCTP configuration message from the first network device to the second network device is performed when the first network device determines that the specified IP address does not provide an adequate signal.

14. (Original) The method as recited in claim 12, wherein the first network device is a Mobile Node, and wherein the specified IP address is an IP address of a network location associated with a prior network location of the Mobile Node.

15. (Currently Amended) The method as recited in claim 6 4, wherein the SCTP configuration message includes at least one of an ADD message indicating that a first IP address is to be added to the first set of IP addresses, a SET PRIMARY message indicating that a second IP address is to be established as a primary address in the first set of IP

addresses via which to send and receive messages, and a REMOVE message indicating that a third IP address is to be removed from the first set of IP addresses in the SCTP association.

16. (Original) The method as recited in claim 15, wherein the first address is the second address.

17. (Original) The method as recited in claim 15, wherein an order is specified for performing at least one of the ADD message, the PRIMARY message, and the REMOVE message.

18. (Currently Amended) The method as recited in claim 6 1, wherein the first network device is a Mobile Node, the method further comprising:

roaming to a network location;

obtaining a new IP address associated with the new network location;

wherein the SCTP configuration message indicates that the new IP address is to be added to the first set of IP addresses.

19. (Original) The method as recited in claim 18, wherein the SCTP configuration message further indicates that one of the IP addresses in the first set of IP addresses is to be removed from the first set of IP addresses.

20. (Original) The method as recited in claim 19, wherein the one of the IP addresses to be removed from the first set of IP addresses is a Home Address associated with the Mobile Node.

21. (Original) The method as recited in claim 18, wherein the SCTP configuration message further indicates that the new IP address is to be a primary address via which the Mobile Node is to send and receive packets.

22. (Original) The method as recited in claim 18, wherein the first set of IP addresses is associated with a single network interface card.

23. (Currently Amended) The method as recited in claim 6 4, wherein the SCTP configuration message comprises one or more SCTP packets.

24. (Cancelled)

25. (Currently Amended) In a first network device, a method of modifying an SCTP a Stream Control Transmission Protocol (SCTP) association between the first network device and a second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, the method comprising:

establishing the SCTP association between the first network device and the second network device;

sending an SCTP configuration message from the first network device to the second network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and

appending a chunk to an SCTP packet, the chunk including the SCTP configuration message,

~~The method as recited in claim 24, wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.~~

26. (Currently Amended) The method as recited in claim ~~25~~ 24, wherein the chunk comprises one or more parameters, each of the parameters having a value and an associated parameter type selected from the group consisting of ADD indicating that an IP address indicated by the value is to be added to the first set of IP addresses, REMOVE indicating that the IP address is to be removed from the first set of IP addresses, and SET PRIMARY indicating that the IP address is to be established as a primary address via which the first network device is to send and receive messages.

27. (Cancelled)

28. (Currently Amended) The method as recited in claim ~~33~~ 27, further comprising: modifying the SCTP association in response to the configuration message.

29. (Original) The method as recited in claim 28, wherein the SCTP configuration message indicates a lookup address associated with the SCTP association, the method further comprising:
obtaining the association.

30. (Original) The method as recited in claim 29, further comprising:
verifying the association using the lookup address.

31. (Cancelled)

32. (Currently Amended) The method as recited in claim 33 34, wherein the SCTP acknowledgement message further acknowledges that the SCTP association has been modified corresponding to the SCTP configuration message.

33. (Currently Amended) In a second network device, a method of modifying a Stream Control Transmission Protocol (SCTP) association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, the method comprising:

establishing the SCTP association between the first network device and the second network device;

receiving an SCTP configuration message from the first network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and

sending an SCTP acknowledgement message from the second network device acknowledging receipt of the SCTP configuration message,

~~The method as recited in claim 31, wherein the SCTP acknowledgement message comprises an SCTP packet including a chunk having a chunk type indicating that the chunk includes an SCTP acknowledgement message.~~

34. (Currently Amended) The method as recited in claim 33 27, wherein the first network device is a Mobile Node supporting Mobile IP.

35. (Currently Amended) The method as recited in claim 33 27, wherein the SCTP configuration message indicates that a specified IP address is to be added to the first set of IP addresses in the SCTP association.

36. (Original) The method as recited in claim 35, further comprising:
sending a message to one of the first set of IP addresses in the SCTP association.

37. (Currently Amended) The method as recited in claim 33 27, wherein the SCTP configuration message indicates that a specified IP address is to be established as a primary address in the first set of IP addresses in the SCTP association via which to send and receive messages.

38. (Original) The method as recited in claim 37, further comprising:
sending a message to the primary address in the first set of IP addresses in the SCTP association.

39. (Currently Amended) The method as recited in claim 33 27, wherein the SCTP configuration message indicates that a specified IP address is to be removed from the first set of IP addresses in the SCTP association.

40. (Currently Amended) The method as recited in claim 33 27, wherein the SCTP configuration message includes at least one of an ADD message indicating that a first IP address is to be added to the first set of IP addresses, a SET PRIMARY message indicating that a second IP address is to be established as a primary address in the first set of IP addresses via which to send and receive messages, and a REMOVE message indicating that a

third IP address is to be removed from the first set of IP addresses in the SCTP association.

41. (Original) The method as recited in claim 40, wherein the first address is the second address.

42. (Original) The method as recited in claim 40, wherein an order is specified for performing at least one of the ADD message, the PRIMARY message, and the REMOVE message.

43. (Currently Amended) The method as recited in claim 33 27, wherein the first network device is a Mobile Node supporting Mobile IP and the second network device is a Correspondent Node.

44. (Original) The method as recited in claim 43, wherein the SCTP configuration message further indicates that one of the IP addresses in the first set of IP addresses is to be removed from the first set of IP addresses.

45. (Original) The method as recited in claim 44, wherein the one of the IP addresses to be removed from the first set of IP addresses is a Home Address associated with the Mobile Node.

46. (Original) The method as recited in claim 43, wherein the SCTP configuration message further indicates that the new IP address is to be a primary address via which the Mobile Node is to send and receive packets.

47. (Currently Amended) The method as recited in claim 33 27, wherein the SCTP configuration message comprises one or more SCTP packets.

48. (Cancelled)

49. (Currently Amended) In a second network device, a method of modifying a Stream Control Transmission Protocol (SCTP) association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, the method comprising:

establishing the SCTP association between the first network device and the second network device; and

receiving an SCTP configuration message from the first network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session,
wherein the SCTP configuration message comprises an SCTP packet including a chunk and

~~The method as recited in claim 48, wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.~~

50. (Currently Amended) The method as recited in claim 49 48, wherein the chunk comprises one or more parameters, each of the parameters having a value and an associated parameter type selected from the group consisting of ADD indicating that an IP address indicated by the value is to be added to the first set of IP addresses, REMOVE indicating that the IP address is to be removed from the first set of IP addresses, and SET PRIMARY

indicating that the IP address is to be established as a primary address via which the first network device is to send and receive messages.

51. (Currently Amended) A first network device adapted for modifying ~~an SCTP a~~ Stream Control Transmission Protocol (SCTP) association between the first network device and a second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

means for establishing the SCTP association between the first network device and the second network device; and

means for sending an SCTP configuration message from the first network device to the second network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and

means for receiving an SCTP acknowledgement message from the second network device acknowledging receipt of the SCTP configuration message, wherein the SCTP acknowledgement message comprises an SCTP packet including a chunk having a chunk type indicating that the chunk includes an SCTP acknowledgement message.

52. (Currently Amended) A first network device adapted for modifying ~~an SCTP a~~ Stream Control Transmission Protocol (SCTP) association between the first network device and a second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

a processor; and

a memory, at least one of the processor and the memory being adapted for:
establishing the SCTP association between the first network device and the second
network device; and

sending an SCTP configuration message from the first network device to the second
network device, the configuration message indicating a modification to be made to the SCTP
association, thereby enabling the SCTP association to be modified without disconnecting an
existing session-; and

receiving an SCTP acknowledgement message from the second network device
acknowledging receipt of the SCTP configuration message, wherein the SCTP
acknowledgement message comprises an SCTP packet including a chunk having a chunk
type indicating that the chunk includes an SCTP acknowledgement message

53. (Currently Amended) A computer-readable medium storing thereon computer-readable instructions for modifying ~~an SCTP a Stream Control Transmission Protocol~~
(SCTP) association between the first network device and a second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

instructions for establishing the SCTP association between the first network device
and the second network device; and

instructions for sending an SCTP configuration message from the first network device
to the second network device, the configuration message indicating a modification to be
made to the SCTP association, thereby enabling the SCTP association to be modified without
disconnecting an existing session-; and

instructions for receiving an SCTP acknowledgement message from the second
network device acknowledging receipt of the SCTP configuration message, wherein the

SCTP acknowledgement message comprises an SCTP packet including a chunk having a chunk type indicating that the chunk includes an SCTP acknowledgement message

54. (Currently Amended) A second network device adapted for modifying ~~an SCTP a Stream Control Transmission Protocol (SCTP)~~ association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

means for establishing the SCTP association between the first network device and the second network device; and

means for receiving an SCTP configuration message from the first network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session, wherein the SCTP configuration message comprises an SCTP packet including a chunk and wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.

55. (Currently Amended) A second device adapted for modifying ~~an SCTP a Stream Control Transmission Protocol (SCTP)~~ association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

a processor; and

a memory, at least one of the processor and the memory being adapted for:

establishing the SCTP association between the first network device and the second

network device; and

receiving an SCTP configuration message from the first network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session,
wherein the SCTP configuration message comprises an SCTP packet including a chunk and wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.

56. (Currently Amended) A computer-readable medium storing thereon computer-readable instructions for modifying ~~an SCTP~~ a Stream Control Transmission Protocol (SCTP) association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

instructions for establishing the SCTP association between the first network device and the second network device; and

instructions for receiving an SCTP configuration message from the first network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session, wherein the SCTP configuration message comprises an SCTP packet including a chunk and wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.

Please ADD claims 57-58 as follows:

57. (New) A first network device adapted for modifying a Stream Control Transmission Protocol (SCTP) association between the first network device and a second network device,

the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

a processor; and

a memory, at least one of the processor and the memory being adapted for:

establishing the SCTP association between the first network device and the second network device;

sending an SCTP configuration message from the first network device to the second network device, the configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and

appending a chunk to an SCTP packet, the chunk including the SCTP configuration message, wherein the chunk comprises a chunk type indicating that the chunk includes an SCTP configuration message.

58. (New) A second network device adapted for modifying a Stream Control Transmission Protocol (SCTP) association between a first network device and the second network device, the SCTP association including a first set of IP addresses associated with the first network device and a second set of IP addresses associated with the second network device, comprising:

a processor; and

a memory, at least one of the processor and the memory being adapted for:

establishing the SCTP association between the first network device and the second network device;

receiving an SCTP configuration message from the first network device, the

configuration message indicating a modification to be made to the SCTP association, thereby enabling the SCTP association to be modified without disconnecting an existing session; and sending an SCTP acknowledgement message from the second network device acknowledging receipt of the SCTP configuration message, wherein the SCTP acknowledgement message comprises an SCTP packet including a chunk having a chunk type indicating that the chunk includes an SCTP acknowledgement message.